

**BMS****INSTITUTE OF TECHNOLOGY AND MANAGEMENT**

Avalahalli, Doddaballapur Main Road, Bengaluru – 560064

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING**PATENTS****2021-22**

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| 1. | Prof.Raghunandan G.H, Ninaada M S, Keerthana R. has filed a patent on “ An Automated System and Method for Repelling Animals ” at Indian Patent Office with Application Number 202141045165. on 05.10.2021. |
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2020-21

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| 2. | Prof.Raghunandan G H, Prof.Prathiba N, Assistant Professors, Dept. of ETE have filed a Design application patent titled “ Cost effective ventilator using co2 laser cutting machine for covid19 ”.The Design is Accepted and Published, Journal No is 25/2021 and Journal Date is 18/06/2021. |
| 3. | Prof. Siddiq Iqbal and Prof. Banuprakash R, Assistant Professors, Dept. of ETE, have published patent titled “ Catastrophe detection and smart rescue system utilizing android smart phone with real-time location tracking ” in Indian Patent Office Journal no 47/2020, with patent application number 202041049454, on 20/11/2020.Departmental Co-curricular Activities. |
| 4. | Prof. Banuprakash R, Assistant Professor, Dept. of ETE, and Dr. Hariprasad S A, Director, FET, Jain University, have published patent titled “ A Novel Compact Printed Antenna loaded with Hexagonal Complementary Spit Ring Resonators (HCSRR) for penta band wireless applications ” in Indian Patent Office Journal no 45/2020, with patent application number 202041047659 , on 06/11/2020. |
| 5. | Prof. Banuprakash R and Prof. Siddiq Iqbal, Assistant Professors, Dept. of ETE, have published patent titled “ COVID 19 Thermal Screening using Smart Helmet ” in Indian Patent Office Journal no 37/2020, with patent application number 202041036651, on 11.09.2020. |

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| 6. | Prof. Thejaswini S, Assistant Professor, Dept. of ETE, Manjunath U, Prasunn ,Nishit Rathi and Prasanna Kumar, 8th semester students of ETE has filed a provisionally patent titled “ Bone Conduction based full face helmet “ Patent Reference ID number :202041007423 on 21st February 2020. |
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7.	Prof.Saritha I.G, Assistant Professor, Dept. of ETE, Shashank Srinivas Kathavat,Aditya V Kulkarni,Prajwal and P.S,Sudhanva Rao P.N, 8th semester students of ETE has filed a provisionally patent titled “ Smart Learning System for Deaf and Dumb using Hearing Aid and Mobile APP ” on 13 th April 2019.
8.	Dr. Seema Singh, Professor and HOD, ETE has filed a patent invention titled, “ An automated waste segregation system ” using Artificial Neural Network on 5th July 2018.